



ELSEVIER

Lithos 59 (2001) 235

LITHOS

www.elsevier.com/locate/lithos

Contents of volume 59

Research papers

Petrology of melilite-bearing rocks from the Montefiascone Volcanic Complex (Roman Magmatic Province): new insights into the ultrapotassic volcanism of Central Italy G. Di Battistini, A. Montanini, L. Vernia, G. Venturelli and S. Tonarini	1
Mixing and mingling in the evolution of andesite-dacite magmas; evidence from co-magmatic plutonic enclaves, Taupo Volcanic Zone, New Zealand J.W. Cole, J.A. Gamble, R.M. Burt, L.D. Carroll and D. Shelley	25
Geodynamic significance of early orogenic high-K crustal and mantle melts: example of the Corsica Batholith E.C. Ferré and B.E. Leake	47
K-Rb-Cs partitioning between phlogopite and fluid: experiments and consequences for the LILE signatures of island arc basalts S. Melzer and B. Wunder	69
Hydrous metasomatism of oceanic sub-arc mantle, Lihir, Papua New Guinea Part 2. Trace element characteristics of slab-derived fluids M. Grégoire, B.I.A. McInnes and S.Y. O'Reilly	91
A first find of retrogressed eclogites in the Odenwald Crystalline Complex, Mid-German Crystalline Rise, Germany: evidence for a so far unrecognised high-pressure metamorphism in the Central Variscides T.M. Will and E. Schmädicke	109
Thermobarometry of metasediments and metabasites from the Eclogite zone of the Hohe Tauern, Eastern Alps, Austria G. Hoschek	127

Book review

Optical Crystallography by F.D. Bloss H.D. Zimmermann	151
--	-----

Research papers

High-Mg potassic rocks from Taiwan: implications for the genesis of orogenic potassic lavas S.-L. Chung, K.-L. Wang, A.J. Crawford, V.S. Kamenetsky, C.-H. Chen, C.-Y. Lan and C.-H. Chen	153
Highly evolved juvenile granites with tetrad REE patterns: the Woduhe and Baerzhe granites from the Great Xing'an Mountains in NE China B.-m. Jahn, F. Wu, R. Capdevila, F. Martineau, Z. Zhao and Y. Wang	171
Mineral inclusions in zircons of para- and orthogneiss from pre-pilot drillhole CCSD-PP1, Chinese Continental Scientific Drilling Project F. Liu, Z. Xu, I. Katayama, J. Yang, S. Maruyama and J.G. Liou	199
Reactions and textures in grossular-wollastonite-scapolite calc-silicate granulites from Maligawila, Sri Lanka: evidence for high-temperature isobaric cooling in the meta-sediments of the Highland Complex V. Mathavan and G.W.A.R. Fernando	217
Author index to volume 59	233

Contents of volume 59	235
-----------------------	-----

